

Abstract

The invention proposes a tappet (1) in a valve train of an internal combustion engine having a bottom camshaft for acting on a tappet push rod, said tappet being arranged with a housing (2) for axial displacement, but secured against rotation, in a guide bore (3) of the internal combustion engine (3a) or of a component connected to the internal combustion engine, said housing (2) comprising on one front end (4), two cheek-like extensions (5) that are situated diametrically opposite each other and are connected by an axle (6) on which a rotary roller (7) extends for making direct contact with a cam, said front end (4) comprising a transverse region (8) that connects the extensions (5) axially inside and has a cylindrical shape in a length direction of the roller (7), and said guide bore (3) being intersected by two passages (12, 13) for routing hydraulic medium to the tappet (1), wherein a radius center point (M) of the transverse region (8) of the one front end (4) is situated with a lateral offset to a longitudinal axis of the tappet (1), so that one side (14) of a periphery of the housing (2) between the extensions (5) is distinctly longer than an opposite side (15), and the two passages (12, 13) are led to the housing (2) at least approximately on the longer one side (14) of the periphery.